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ATTORNEY DOCKET: 61819.00101
PATENT

1638

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent application of:
Man Chiang Niu

Serial No.: 09/740,582

Filed: December 19, 2000

For: METHODS FOR EFFECTUATING
mRNA TRANSFER OF GENETIC
INFORMATION BETWEEN SPECIES
AND PRODUCT OF THE SAME

Group Art Unit: 1638

Examiner: Stuart F. Baum

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FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENTCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Submission of this statement is not to be construed as an admission that any of the documents submitted herewith are "material" to the examination of this application or the patentability of the invention, as the term "material" is defined in 37 C.F.R. §1.56(b), nor as any admission that the documents submitted herewith even qualify as prior art references with respect to the above-referenced patent application.

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In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311. Therefore, please charge the fee of **\$180.00** as set forth in §1.17(p) to Deposit Account No. 50-1943. A duplicate copy of this Fourth Supplemental Information Disclosure Statement is enclosed for accounting purposes

Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

In connection with related international application PCT/US01/06104, it should be noted that the International Preliminary Examination Report has not yet been received.

To the extent there is any fee required in connection with the receipt, acceptance and/or consideration of this paper and/or any accompanying papers submitted herewith, please charge all such fees to Deposit Account 50-1943.

Respectfully submitted,

Date: 23 July 2003



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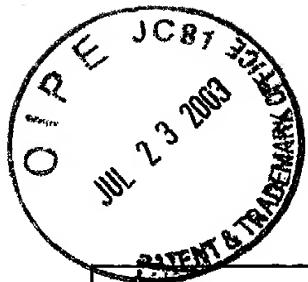
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Sheet 1 of 1



Form PTO-1449 Modified

List of Patent and Publications Cited by Applicant
(Use several sheets if necessary)

U.S. Department of Commerce
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Client Matter No.
61819.00101

Serial No.
09/740,582

Applicant
Man Chiang Niu

Filing Date
12/19/00

Group
1638

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|-----------------|-----------|---|
| | AA | Ausubel, F.M. et al., Short protocols in molecular biology, Harvard Medical School, table of contents pp. iii-xivii |
| | AB | de Carvalho, F. et al., Suppression of β -1,3-glucanase transgene expression in homozygous plants, The EMBO Journal 11:7, pp. 2595-2602 (1992) |
| | AC | Napoli, C. et al., Introduction of a chimeric chalcone synthase gene into petunia results in reversible co-suppression of homologous genes in trans. The Plant Cell 2:279-289 (1990) |
| | AD | Potrykus, I., Gene transfer to plants: assessment of published approaches and results. Annu. Ev. Plant Physiol. Plant Mol. Biol. 42:205-225 (1991) |
| | AE | Matsuoka, T. and Tsunewaki K., Evolutionary dynamics of Ty1-copia group retrotransposons in grass shown by reverse transcriptase domain analysis. Mol. Biol. Evol. 16(2):208-217 (1999) – abstract only |
| | AF | Suoniemi, A. et al., Gypsy-like retrotransposons are widespread in the plant kingdom. Plant J. 13(5):699-705 (1998) – abstract only |
| | AG | Molecular Encyclopedia of Molecular Biology, pp. 1098-1101 |
| | AH | International Search Report mailed November 16, 2001 from corresponding international application No. PCT/US01/06104 filed February 27, 2001 |
| | AI | Response to First Written Opinion dated February 20, 2003 from corresponding international application No. PCT/US01/06104 filed February 27, 2001 |
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